

**To:** Peter Butler[butlerpeter2@gmail.com]; Bill Simon[wsimon@frontier.net]; Larry Perino[larry.perino@kinross.com]; Steve Fearn[fearneng@rmi.net]; Way, Steven[way.steven@epa.gov]; Schmittiel, Paula[Schmittiel.Paula@epa.gov]; Katie Walton-Day[kwaltond@usgs.gov]; Rob Runkel[runkel@usgs.gov]; Borrego, Ron[Ron.Borrego@amec.com]; James.Bush@ch2m.com[James.Bush@ch2m.com]; Mike.Winter@CH2M.com[Mike.Winter@CH2M.com]; BT.Thomas@CH2M.com[BT.Thomas@CH2M.com]; Terrence Chatwin[terrence.chatwin@inap.com.au]; Bruce Stover[bruce.stover@state.co.us]; Brent Lewis[b1lewis@blm.gov]; Jason Willis [JWillis@tu.org]; David Holm[jdavidholm@gmail.com]; Doug Jamison[dcjamiso@cdphe.state.co.us]; Dan\_Ramey@FMI.com[Dan\_Ramey@FMI.com]; jgusek@sovcon.com[jgusek@sovcon.com]; David Heinze[dheinze@environcorp.com]; BDotterrer@NationwideEnv.com[BDotterrer@NationwideEnv.com]; Tom\_Rutkowski@golder.com[Tom\_Rutkowski@golder.com]; qqlane@nwccog.org[qqlane@nwccog.org]; Jenkins, Joy[Jenkins.Joy@epa.gov]; cdl@lidstone.com[cdl@lidstone.com]; blaflamme@nationwideenv.com[blaflamme@nationwideenv.com]; charles.bucknam@newmont.com[charles.bucknam@newmont.com]; sjennings@kcharvey.com[sjennings@kcharvey.com]; Wielinga, Bruce[Bruce.Wielinga@amec.com]; Bnelson@edeconsultants.com[Bnelson@edeconsultants.com]

**From:** Peter Butler

**Sent:** Tue 3/25/2014 11:33:09 PM

**Subject:** Background for ARSG Brainstorming Session

[ARSG Brainstorming Background.docx](#)

[Representative data from Four Main Adits.xlsx](#)

[Animas River Stakeholder Group Brainstorming Agenda.docx](#)

[Brainstorming Participants 3-14-14.docx](#)

[Cement Creek Map.pdf](#)

[Upper CC mine workings.pptx](#)

[Brainstorming Map.pdf](#)

Greeting all –

Thank you once again for your willingness to participate in our Animas River Stakeholders Group (ARSG) Brainstorming session. We are meeting at CH2M Hill at 2:00 on Tuesday, April 1<sup>st</sup>, although we would appreciate if you could arrive by 1:30 – 1:45 so we can gather and be seated by 2:00. Below are directions to CH2M Hill's corporate headquarters and Jim Bush's cell phone number in case you have any problems. Attached is a map I sent out previously that shows CH2M Hill (Point A) and our dinner location (Point B).

Also attached:

A two page summary of characteristics of upper Cement Creek,

Some water quality data from the four main adits of concern,

An agenda for the brainstorming,

A list of participants (we added a couple of names since this was last sent out),

A topographical map of Cement Creek,

A two slide Power Point map of mine workings. The large complex of workings in the middle are the Sunnyside Mine. The red crosses are bulkheads.

While we are certainly interested in methods to address our issues in upper Cement Creek, we do not want to get bogged down in the particulars of this area. We are truly interested in innovative approaches that are cost-effective ways to address abandoned mines in a number of locations. This is an opportunity to explore ideas that you might not present at a conference because they have undergone little testing. We hope this will be a unique experience for you and that you will all get something from it.

Please let me know by Friday if you do not anticipate joining us for dinner after the brainstorming session. I need to give the restaurant a head count.

We look forward to seeing you all next week.

Peter Butler

970-259-0986

Cell: 970-317-0584

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Here are verbal directions, organized from

- 1) northbound on I-25 coming from the south (south of C-470/E470);
- 2) southbound on I-25 coming from the north (north of C-470/E470);
- 3) southbound on I-25 via I-225 coming from Denver International Airport and avoiding toll roads;
- 4) westbound on E-470 coming from the east (east of I-25), as for example from DIA on toll roads; and
- 5) eastbound on C-470 coming from the west (west of I-25).

In most cases, these directions kick in once one has gotten within about a mile of the C-470/E470 and I-25 intersection.

**1) From I-25 northbound (e.g., if coming from Colorado Springs):**

Take exit 193 for Lincoln Ave, 0.4 mi

Merge onto San Luis St, 0.9 mi

Turn left onto S Jamaica St, 0.1 mi

Destination is on the left

9191 S Jamaica St

Englewood, CO 80112

**2) From I-25 southbound (e.g., if coming from Denver, Lakewood, points north, or from I-70):**

Take exit 195 for County Line Rd, 0.3 mi

Keep left at the fork, follow signs for Park Meadows Center Drive/Inverness Drive, 338 ft

Turn left onto E County Line Rd, 0.4 mi

Continue onto Inverness Pkwy, 0.7 mi

Turn left onto S Jamaica St, 0.8 mi

Destination will be on the right

9191 S Jamaica St

Englewood, CO 80112

**3) From I-25 southbound via I-225 coming from DIA but avoiding toll roads:**

Exit the airport on Peña Blvd, 11.6 mi

Take exit 282 to merge onto I-225 S toward Colorado Springs/Aurora, 12.7 mi

Take exit 1A on the left for Interstate 25 S toward Colorado Springs, 0.6 mi

Merge onto I-25 S, 4.4 mi

Take exit 195 for County Line Rd, 0.3 mi

Keep left at the fork, follow signs for Park Meadows Center Drive/Inverness Drive, 338 ft

Turn left onto E County Line Rd, 0.4 mi

Continue onto Inverness Pkwy, 0.7 mi

Turn left onto S Jamaica St, 0.8 mi

Destination will be on the right

9191 S Jamaica St

Englewood, CO 80112

**4) From CO-470 westbound (e.g., coming from DIA on the toll road):**

Exit the airport on Peña Blvd, 4.4 mi

Take exit 6A (toll road) toward I-70 S, 0.5 mi

Keep left at the fork and merge onto E-470 S (toll road), 27.0 mi

Take exit 1B for Jamaica Street, 0.4 mi

Turn left onto S Jamaica St, 0.5 mi

Destination is on the right

9191 S Jamaica St

Englewood, CO 80112

**5) From CO-470 eastbound:**

*(Note: If coming from US-285, merge onto CO-470 E/E470 E via the ramp to I-25, and go 19.7 mi to the Yosemite St exit)*

Take the Yosemite St exit, 0.3 mi

Turn left onto S Yosemite St, 0.4 mi

Turn right onto Chester St, 0.2 mi

Turn right onto E County Line Rd, 0.7 mi

Continue onto Inverness Pkwy, 0.7 mi

Turn left onto S Jamaica St, 0.8 mi

Destination is on the right.

9191 S Jamaica St

Englewood, CO 80112

The CH2M Hill campus consists of four buildings, and is bounded on the west by I-25. , C-470/E-470 is to the north. The south three buildings of the campus are arranged in a “letter C” configuration in plan view. The fourth building is to the north of them. The destination is Conference Room West 1-D, in the West Building. This is the middle building of three forming the “C” configuration. The West Building entrance is on its west side. Parking areas are north, south, and west of the campus, with the best place to park being on the west, if space available.

Attendees will be met at the west entrance to the West Building by Trish Kerswill, Katie Atwater, Mike Winter, and/or me, and escorted to the conference room. There will be a sign-in sheet and stick-on name tags for attendees to write their names on.

Jim Bush

Cell: 303-803-5299

[James.Bush@ch2m.com](mailto:James.Bush@ch2m.com)